

Title (en)

A SYSTEM COMPRISING A CABLE AND A COLD SHRINKABLE CABLE TERMINA, COLD SHRINKABLE TERMINAL ASSEMBLY AND METHOD OF TERMINATING A CABLE

Title (de)

KALTSCHRUMPFBARE KABELKLEMME, KALTSCHRUMPFBARE KABELENDANORDNUNG UND VERFAHREN ZUM ABSCHLIESSEN EINES KABELS

Title (fr)

BORNE DE CÂBLE RÉTRACTABLE À FROID, ENSEMBLE BORNE RÉTRACTABLE À FROID ET PROCÉDÉ PERMETTANT DE TERMINER UN CÂBLE

Publication

EP 3298670 B1 20211110 (EN)

Application

EP 16727557 A 20160519

Priority

- CN 201510255638 A 20150519
- IB 2016052941 W 20160519

Abstract (en)

[origin: WO2016185418A1] A cold shrinkable terminal assembly includes: a cold shrinkable cable terminal including a terminal body configured to be fixed to a cable joint; and a support tube, the terminal body being pre-expanded on the support tube on which a composite void filling mastic is preset. The composite void filling mastic at least covers an incision of the exposed conductive shielding layer after the cold shrinkable terminal is fixed to the cable joint. The composite void filling mastic includes a filling layer in contact with an outer wall of the support tube; and a separating layer located between the filling layer and the terminal body and made of material different from the terminal body. Since the composite void filling mastic comprises the separating layer made of material different from the terminal body, it avoids the filling layer to directly contact the terminal body made of silicone rubber material, effectively preventing the physical properties of the terminal body from being reduced due to the swelling of the terminal body caused by the filling layer, and eliminating the risk of the cracking of the terminal body.

IPC 8 full level

H02G 15/00 (2006.01); **H02G 15/064** (2006.01)

CPC (source: EP US)

H02G 1/14 (2013.01 - US); **H02G 15/046** (2013.01 - US); **H02G 15/064** (2013.01 - EP US); **H02G 15/182** (2013.01 - EP US); **H02G 15/1826** (2013.01 - US); **H02G 15/184** (2013.01 - US); **H01B 17/58** (2013.01 - US)

Citation (examination)

NEXANS: "Catalogue 2012", 31 January 2012 (2012-01-31), XP055522873, Retrieved from the Internet <URL:https://www.nexans.be/eservice/Belgium-en/fileLibrary/Download_540225270/Belgium/files/JOINTS_1.pdf> [retrieved on 20181112]

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